

Converting Colors

XYZ(86.5619, 94.9036, 98.5416)

Have a look what the booklet for
XYZ(86.5619, 94.9036, 98.5416)
contains.

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Color

**XYZ(86.5628, 94.8988,
98.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFDF3
RGB	238, 253, 243
RGB Percent	93%, 99%, 95%
CMY	0.0667, 0.0078, 0.0471
CMYK	0.06, 0.00, 0.04, 0.01
HSL	140°, 79%, 96%
HSV	140°, 6%, 99%
XYZ	86.5628, 94.8988, 98.5490
YIQ	247.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

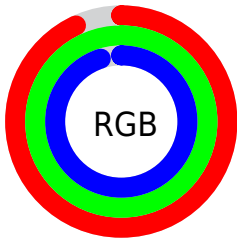
Format	Color
R _Y B	238, 249, 253
Decimal	15662579
CIE Lab	97.99, -6.69, 3.08
CIE LCh	98, 7.366, 155.298
Yxy	94.8988, 0.3091, 0.3389
Android (android.graphics.Color)	4293852659 (0xFFEEFDF3)
YUV	247.3750, -2.1569, -8.2219
Hunter-Lab	97.4160, -11.8649, 8.2116

Details

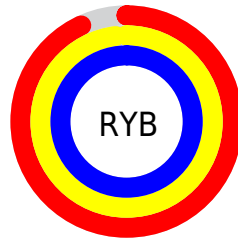
The XYZ color **86.5628, 94.8988, 98.5490** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.0292, 88.8113, 101.3141**, and the grayscale version is **88.7359, 93.3571, 101.6658**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0010, 53.0128, 54.7163** is the 20% darker color. If you saturate the color by 10%, you get **76.2267, 89.8540, 85.3732**, and if you desaturate by 10%, it is **94.4171, 98.7343, 108.6890**.

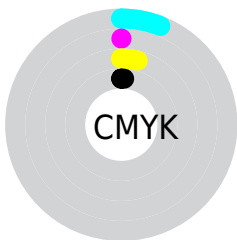
Distribution



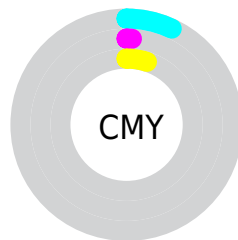
- Red (93%)
- Green (99%)
- Blue (95%)



- Red (93%)
- Yellow (98%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)





- Cyan (7%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.5628, 94.8988, 98.5490 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 86.5628, 94.8988, 98.5490 by changing the saturation by 10% instead.


 86.5628, 94.8988,
98.5490

 86.5628, 94.8988,
98.5490


505.1913,
543.8409, 576.7374

 65.4603, 72.0507,
74.4792


141.4574,
154.1248, 161.1962

 48.1005, 53.2001,
54.6872


175.9802,
191.2715, 200.6106

 34.1181, 37.9626,
38.7544


215.7071,
233.9532, 245.9771

 23.1476, 25.9536,
26.2624

261.0035,
282.5544, 297.7140

 14.8238, 16.7890,
16.7925

312.2348,
337.4593, 356.2399

 8.7814, 10.0841,
9.9263

369.7663,

 4.6548, 5.4548,

399.0525, 421.9735

5.2451

433.9633,
467.7182, 495.3331

■ 2.0788, 2.5165,
2.3306

■ 0.6777, 0.8849,
0.7483

■ 86.5628, 94.8988,
98.5490

■ 86.5628, 94.8988,
98.5490

■ 76.2267, 89.8540,
85.3732

94.4171, 98.7343,
108.6890

■ 67.2601, 85.4862,
73.4487

■ 59.6060, 81.7694,
62.7406

■ 53.2004, 78.6715,
53.2102

■ 47.9739, 76.1575,
44.8166

■ 43.8498, 74.1888,
37.5168

■ 40.7418, 72.7217,
31.2645

■ 38.5502, 71.7059,
26.0104

■ 37.1522, 71.0792,
21.7003

Harmonies

Analogous

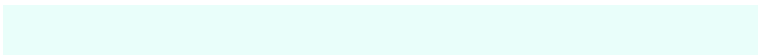
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8745, 94.8988, 94.1333



86.5628, 94.8988, 98.5490



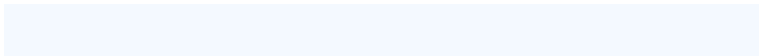
86.2189, 94.8988, 104.4052

Triad

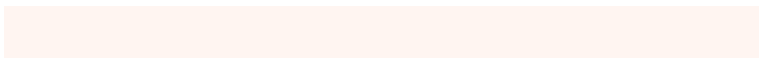
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5628, 94.8988, 98.5490



90.5736, 94.8988, 115.3347



93.5502, 94.8988, 96.7594

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



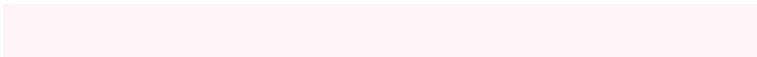
86.5628, 94.8988, 98.5490



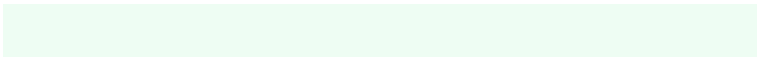
88.0292, 88.8113, 101.3141

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2986, 94.8988, 102.2595



86.5628, 94.8988, 98.5490



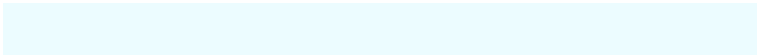
92.5630, 94.8988, 113.1042

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



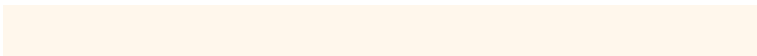
86.5628, 94.8988, 98.5490



88.5137, 94.8988, 114.2475



93.9345, 94.8988, 108.2604



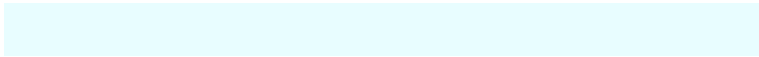
91.9044, 94.8988, 93.1286

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.5628, 94.8988, 98.5490



86.5802, 94.8988, 108.3736



93.9345, 94.8988, 108.2604



93.9162, 94.8988, 98.4428

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86.5655, 94.9028, 98.5511



92.6558, 98.8284, 105.9555



89.3617, 96.4304, 94.7931



19.8572, 21.1656, 22.7098



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5655, 94.9028, 98.5511



86.9277, 96.0274, 98.8258



87.6829, 95.3498, 104.4353



18.4634, 20.4841, 20.9733



19.6033, 37.7379, 11.0622



1.9570, 3.6937, 1.3313

Inverse Universe

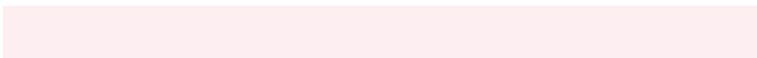
The Inverse Universe completely reimagines the original color for something new.



88.0292, 88.8113, 101.3141



88.6745, 88.7580, 102.1228



86.9253, 88.3697, 95.5008



18.8678, 18.8009, 21.7367



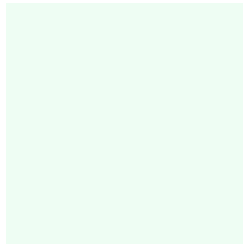
25.4131, 12.6545, 21.3578



2.5251, 1.2524, 2.3468

Previews

White Background



This preview shows how the XYZ color 86.5628, 94.8988, 98.5490 looks on a white background.

Color Contrast Check

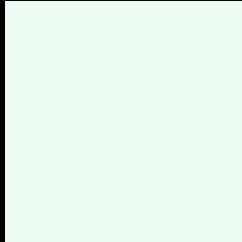
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 86.5628, 94.8988, 98.5490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

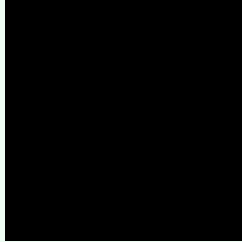
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

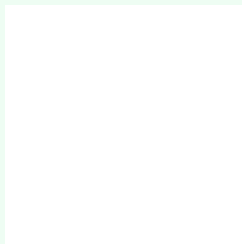
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5628, 94.8988, 98.5490

Background



This preview shows how black text looks on a background with the XYZ color 86.5628, 94.8988, 98.5490.



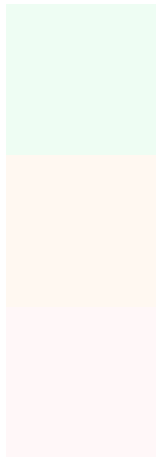
This preview shows how white text looks on a background with the XYZ color 86.5628, 94.8988,

98.5490.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.5628, 94.8988, 98.5490

Protanopia

90.6846, 94.7457, 96.7272

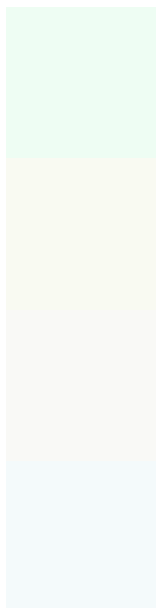
Deuteranopia

91.4440, 94.5588, 102.2390

Tritanopia

90.2835, 94.7455, 108.1370

Trichromacy



Original Color

86.5628, 94.8988, 98.5490

Protanomaly

89.2795, 94.9218, 97.6206

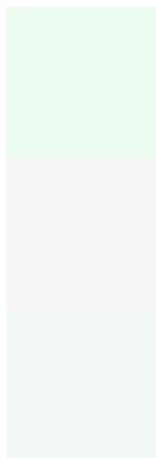
Deuteranomaly

89.5772, 94.5449, 100.7166

Tritanomaly

88.9064, 94.5693, 104.8346

Monochromacy



Original Color

86.5628, 94.8988, 98.5490

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.8185, 93.6383, 100.6342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5628, 94.8988, 98.5490 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(238, 253, 243)` looks like.

```
.text, #text, p{  
    color:rgb(238, 253, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 253, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 253, 243) }
```

Border

The CSS property to change the border of an element to XYZ 86.5628, 94.8988, 98.5490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 253, 243) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 253, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 253, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 253, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 253, 243);  
box-shadow:4px 4px 4px 4px rgb(238, 253,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5628, 94.8988, 98.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 253, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
253, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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